INTERNATIONAL SEARCH REPORT

International application No.

·		2004/008/43
A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ C01B31/02		
According to International Patent Classification (IPC) or to both national	classification and IPC	
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by clas	sification symbols)	
Int.Cl ⁷ C01B31/02, C01B31/04, C23C14/0	00-14/58	•
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Kokai Jitsuyo Shinan Koho 1971-2004 Jit	oku Jitsuyo Shinan Koho suyo Shinan Toroku Koho	1994-2004 1996-2004
Electronic data base consulted during the international search (name of da JOIS, SCIENCE DIRECT	ta base and, where practicable, search t	erms used)
C. DOCUMENTS CONSIDERED TO BE RELEVANT	· .	
Category* Citation of document, with indication, where appropriate the company of	ropriate, of the relevant passages	Relevant to claim No.
Y S. IIJIMA et al., Naono-aggreg single-walled graphitic carbon CHEM.PHYS.LETT. 1999, Vol.309,	n nano-horns,	1-9
Y JP 2001-064004 A (Japan Scien Corp.), 13 March, 2001 (13.03.01), Full text (Family: none)	ce and Technology	1-9
y JP 61-291966 A (Director Gene Industrial Science and Technol 22 December, 1986 (22.12.86), Claims; Figs. 1, 2 (Family: none)		1-9
X Further documents are listed in the continuation of Box C.	See patent family annex.	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
filing date "L" document which may throw doubts on priority claim(s) or which is	"X" document of particular relevance; the considered novel or cannot be cons step when the document is taken alon	idered to involve an inventive
in the state of th	"Y" document of particular relevance; the considered to involve an inventive	claimed invention cannot be
"O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than	combined with one or more other such being obvious to a person skilled in the document member of the same patent	h documents, such combination ne art
Date of the actual completion of the international search 15 September, 2004 (15.09.04)	Date of mailing of the international sea 28 September, 2004	(28.09.04)
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer	
Facsimile No. Form PCT/ISA/210 (second sheet) (January 2004)	Telephone No.	

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/008743

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim N
Y	JP 06-002115 A (Mitsubishi Electric Corp.), 11 January, 1994 (11.01.94), Claims; Fig. 1 (Family: none)	1
A	JP 62-299801 A (Mitsubishi Electric Corp.), 26 December, 1987 (26.12.87), Claims; Fig. 1 (Family: none)	1
A	JP 2003-020215 A (Japan Science and Technology Corp.), 24 January, 2003 (24.01.03), Full text	1-9
A	& WO 03/004411 A1 F.KOKAI et al., Growth dynamics of single-wall carbon nanotubes and nanohorn aggregates by CO₂ laser vaporization at room temperature, APPLIED SURFACE SCIENCE, 2002, Vols. 197 to 198, pages 650 to 655	1-9
A	JP 10-273308 A (Mitsubishi Chemical Corp.), 13 October, 1998 (13.10.98), Fig. 1 (Family: none)	1-9
A	WO 97/09272 A (WILLIAM MARSH RICE UNIVERSITY), 13 March, 1997 (13.03.97), Full text & US 6183714 B1 & EP 854839 A & JP 2001-520615 A	1-9
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